

SE PB 5901-SCHKOPAU

LOW-CIS BUTADIENE RUBBER (BR)

Composition

SE PB 5901-Schkopau is a low-cis butadiene synthetic rubber. It is produced by anionic solution polymerization adjusted for a medium level of linearity. SE PB 5901-Schkopau is translucent to white in appearance and contains a non-staining stabilizer which complies with compositional requirements of the food packaging regulations of European countries and the USA (Trinseo may be consulted regarding applicable regulations)

Application

SE PB 5901-Schkopau is used to manufacture High-Impact Polystyrene or ABS, supporting grafting processes with its content of reactive vinyl-groups.

Packaging

- SE PB 5901-Schkopau is supplied in bales of 30 kg nominal weight.
- Bales are wrapped in 70 micron polystyrene film.
- One box contains thirty two bales (nominal 960 kg)

Specification sheet

Raw material specification sheets are available from Trinseo or your local supplier on request.

Handling precautions

- SE PB 5901-Schkopau has to be kept away from sources of ignition.
- Reference must be made to the Safety Data Sheet for this product.
- The precautions advised in the Safety Data Sheet should be strictly observed.

Storage

SE PB 5901-Schkopau should be stored in an adequately ventilated area where it will not be subjected to sunlight or temperatures in excess of 30°C. Under these conditions SE PB 5901-Schkopau has a shelf life of at least 12 months.

CHARACTERISTIC PROPERTIES OF SE PB 5901-SCHKOPAU

Chemical and Physical Data

Property	Test Method	Unit	Value
Mooney viscosity⁽¹⁾	ASTM D 1646	MU	63.0
Solution viscosity⁽²⁾	ASTM D 445	mPa·s	158.0
Cis-1,4 content	SM ⁽³⁾ (FTIR)	%	39.0
Vinyl content	SM ⁽³⁾ (FTIR)	%	9.7
Volatile matter⁽⁴⁾	ASTM D 5668	% mass	0.2
Total ash	ASTM D 5667	% mass	0.05
Gel rating	SM ⁽³⁾	-	1.0-2.0
Colour	SM ⁽³⁾	APHA	4.0

(1) ML 1+4 (100 °C) (2) 5 % mass in styrene solution at 25 °C (3) Supplier Method (4) 1 h at 105 °C in a hot air oven, amount 5 g

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